Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 22 Feb 2022 until 23:59 on Wednesday 23 Feb 2022

Forecast Issued on Tuesday 22 Feb 2022 at 03:34

Confidence: High confidence for a very windy period for the Peak District with strong winds or gales on the summits most days. Lower confidence for timings of fronts and amounts of showers.

Headline for Tuesday 22 Feb 2022: Southwesterly gales, a period of heavy squally rain in the morning, drier later.

Mountain weather hazards on Tuesday 22 Feb 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Light rain showers	Light rain showers	Partly cloudy (night)	Cloudy
Precipitation probability					
20%	70%	30%	30%	10%	10%

Forecast for Tuesday 22 Feb 2022

Weather: A band of heavy rain will move southeast across the area during the morning, rain will be heavy for a time and quite squally with strong gusts of wind briefly. With freezing level above the summits during the morning this will all be rain. Cloud will then lift and break as rain clears south with some sunny spells during the afternoon but also a few showers developing. It will becoming mainly dry and fine in the evening with mainly clear skies over the area.

Chance of cloud-free hill tops above 600m: 40% chance in the morning, improving to 90% in the afternoon and almost 100% by early evening.

Low cloud and visibility: Scattered low cloud layers in the morning from 400m and becoming broken for a time as the band of rain moves south perhaps less cloud around eastern hills during the morning. Cloud lifting and clearing quite quickly after frontal rain moves south. Cloud may become scattered around 600m temporarily as any afternoon showers move across the area but these will move quite quickly in strong winds. General visibility beneath any cloud will be good in the morning but will become poor for a time as rain moves through. During the afternoon very good visibility is likely just dipping for a time in any showers that develop.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Tuesday 22 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	35/45 SW	36/44 SW	30/40 W	32/42 W	27/36 W	26/34 W	25/35 W
300	25/34 SW	27/36 SW	23/33 W	24/35 W	18/27 W	17/25 W	16/27 SW
Valley	14/32 SW	15/34 SW	17/34 W	19/36 W	13/29 W	10/24 W	10/25 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/-1	6/-1	4/-3	3/-4	2/-5	2/-5	1/-6
300	7/2	8/3	6/1	6/0	5/-0	4/-1	4/-2
Valley	7/4	8/4	7/3	7/2	5/1	5/1	4/-0
Freezing Level*	1400m	1700m	1000m	800m	700m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds for a time in the early morning with severe gales likely on the higher summits. The band of rain will also be very squally with a period of quite horrible wet and gusty conditions, it should move through fairly quickly. Freezing level falling after the front moves south with a much fresher and colder feel once again.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 22 Feb 2022	8.8mm	48.2mm	61.8mm

Forecast for Wednesday 23 Feb 2022

Weather: A dry and bright start on Wednesday with some clear or sunny spells but increasing cloud during the morning and some outbreaks of showery rain during the afternoon accompanied by very strong southwesterly winds, gales likely.

Maximum wind: Southwesterly 30mph gusts 40-45mph

Chance of cloud-free hill tops above 600m: 80% with some scattered low cloud at times associated with showers.

Low cloud and visibility: Cloud mainly above the summits in the morning. During the afternoon there will be scattered low cloud above 500m associated with showers. Visibility will be very good generally but may dip to moderate in any showers.

Temperature: **Valleys:** Plus 3 rising to 7 Celsius.
At 600m: Plus 1 Celsius rising to plus 5 Celsius.
Freezing level: Above the summits

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